

I am ham radio operator NX9T who has been a licensed user of the HF bands for more than 15 years. I am gravely concerned about the effects of BPL on ALL users of the HF spectrum. There are many such users, not just ham operators. I petition the FCC to use wisdom and safeguard the precious resource of HF frequencies and not allow it to be polluted. BPL is indeed spectrum pollution. I have heard BPL on more than one occassion. I am aware of it's effects on radio(all types) communications.

I have attempted to operate mobile HF in the areas south of Raleigh, North Carolina where a local utility company is currently "testing" BPL. It is alarming. The interference generated by the BPL system disrupts communication for approximately 1/2 mile from the site. It is noteworthy that the "test" site is extremely small and yet is still having this obvious impact. It's is horrifying to comtemplate what radio(all types) would be like if BPL was rolled in on a large scale with multiple providers and covering miles of power lines.

The utility currently testing in NC has attempted to "move" the frequencies utilized by the system in hopes of clearing all ham bands. This has been only somewhat successful. Additionally, there is much concern that due to the technology involved, such "frequency agility" will not be able to resolve problems if/when BPL is released large scale.

BPL is a grossly exaggerated technology that has many limitations and vulnerabilities. It will and does create unacceptable interference, will be disrupted by nearby transmitters(amateur, CB,etc), is expensive to implement in rural locals, and will cause the FCC never before experienced difficulties addressing issues between licensed users of HF frequencies, Power companies attempting to profit from BPL, and citizens experiencing problems with BPL.

In closing, please seriously consider the ramifications of allowing such a wreckless technology to move forward without serious consideration which would include FCC testing and measurements of interference, documenting first hand any frequency agility claims made by the equipment vendor, and a plan of monitoring the power companies who would be involved.

Thank you.
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